

TITLE OF THE INVENTION

ALTERNATIVELY SPLICED ISOFORM OF HUMAN GRM2

ABSTRACT OF THE DISCLOSURE

5 The present invention features nucleic acids and polypeptides encoding a novel
splice variant isoform of a human metabotropic glutamate receptor 2 gene (GRM2). The
polynucleotide sequence of *GRM2sv1* is provided by SEQ ID NO 1. The amino acid sequence
for GRM2sv1 is provided by SEQ ID NO 2. The present invention also provides methods for
using GRM2sv1 polynucleotides and proteins to screen for compounds that bind to or interact
10 with GRM2sv1.